



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Adopt a resolution awarding the purchase of padmount transformers to Western States Electric of Portland, Oregon (\$110,777.78) (EUD)

MEETING DATE: July 6, 2005

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt a resolution awarding the bid for the purchase of seventeen padmount transformers to Western States Electric of Portland, Oregon, the bidder whose proposal and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs. Total purchase price is \$110,777.78.

BACKGROUND INFORMATION: On May 18, 2005, the City Council authorized the Electric Utility Department and the Purchasing Division to advertise for bids as necessary to meet the Electric Utility Department's requirements for polemount and padmount transformers through the fiscal year ending June 30, 2006.

On June 15, 2005, bids were opened for six sizes of padmount transformers, and life-cycle costs were evaluated. (Life-cycle costs are the combined total of purchase price plus cost of operation based on estimated power loss during the projected life of the transformer.) A summary of the life-cycle cost evaluation for the transformers is attached as Exhibit A.

These seventeen transformers will be used for Lodi High School facility improvements, individual building pads at the Wal-Mart commercial center, and to replenish inventory of replacement padmount units.

FISCAL IMPACT: Initial cost \$110,777.78, to be recovered by revenues from the future sale of power.

FUNDING: Electric Utility Department 2005-2006 Financial Plan and Budget, Line Extensions, Business Unit #161651


James R. Krueger, Finance Director


Alan N. Vallow, Electric Utility Director

Attachment: Exhibit A
Prepared by Joel Harris, Purchasing Officer
cc: City Attorney
EUD Electrical Engineer

APPROVED: 
Blair King, City Manager



RESOLUTION NO. 2005-130

A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE BID FOR THE PURCHASE OF
PADMOUNT TRANSFORMERS

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on June 15, 2005, at 11:00 a.m., for the purchase of padmount transformers for the Electric Utility Department; and

WHEREAS, on May 18, 2005, the City Council authorized staff to advertise for bids as necessary to meet the Electric Utility Department's requirements for polemount and padmount transformers through fiscal year ending June 2006; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached; and

WHEREAS, the City Manager recommends the award of the bid for the various types and sizes of padmount transformers for the Electric Utility Department be made to the bidder whose proposal and equipment meet City of Lodi specifications and whose transformers are expected to yield the lowest overall life-cycle costs, Western States Electric, Inc. (Pauwels), listed as follows:

Padmounts:	2 ea 75 kVA, 208Y/120 Volt, Three Phase Pad	\$ 7,542.50
	2 ea 112.5 kVA, 208Y/120 Volt, Three Phase Pad	\$ 8,245.03
	5 ea 150kVA, 208/120 Volt, Three Phase Pad	\$23,080.05
	2 ea 225 kVA, 208Y/120 Volt, Three Phase Pad	\$11,710.27
	4 ea 300kVA, 208/120 Volt, Three Phase Pad	\$24,816.98
	2 ea 1500 kVA, 480Y/277 Volt, Three Phase Pad	\$35,382.95

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the bid for the purchase of various types and sizes of padmount transformers for the Electric Utility Department be made to the bidder whose proposal and equipment meet City of Lodi specifications and whose transformers are expected to yield the lowest overall life-cycle costs, be and the same is hereby awarded to the lowest responsible bidder, Western States Electric, Inc. (Pauwels), of Portland, Oregon, as listed above, in the total amount of \$110,777.78.

Dated: July 6, 2005

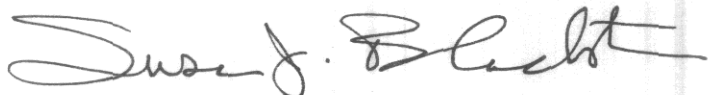
I hereby certify that Resolution No. 2005-130 was passed and adopted by the City Council of the City of Lodi in a regular meeting held July 6, 2005, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Hitchcock, Johnson, Mounce, and
Mayor Beckman

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON
City Clerk

Transformer Bid Evaluation

Bid Opening: June 15, 2005

Padmount

June 15, 2005

Tax (factor): 1.0775
 No Load Loss \$/watt: 3.75
 Load Loss \$/watt: 1.25

Primary Winding: 12,000 Volt, Delta Connected

Bid Item 1: 75 kVA, 208Y/120 Volt, Three Phase Pad

Number of units: 2 65 >2.0

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Western States Electric, Inc. (Pauwels)	3,500.00	7,000.00	7,542.50	181	723	1,357.50	1,807.50	3,165.00	10,707.50	13-15	58	2.060
G E Supply	3,599.00	7,198.00	7,755.85	217	680	1,627.50	1,700.00	3,327.50	11,083.35	8	47	2.340
Hees Enterprises, Inc.	3,805.00	7,610.00	8,199.78	181	738	1,357.50	1,845.00	3,202.50	11,402.28	6-9	49	3.500
Western States Electric, Inc. (Cooper)	4,032.00	8,064.00	8,688.96	197	697	1,477.50	1,742.50	3,220.00	11,908.96	13-15	50	3.470
WESCO Distribution	4,252.22	8,504.44	9,163.53	210	832	1,575.00	2,080.00	3,655.00	12,818.53	10-12	48	3.030
Central Moloney, Inc. (c/o Stephens, Mc...)	5,115.00	10,230.00	11,022.83	148	1049	1,110.00	2,622.50	3,732.50	14,755.33	12	59	2.050
Areva T&D Inc	7,911.00	15,822.00	17,048.21	223	970	1,672.50	2,425.00	4,097.50	21,145.71	8-10	49	4.160

Bid Item 2: 112.5 kVA, 208Y/120 Volt, Three Phase Pad,

Number of units: 2 65 >2.0

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Western States Electric, Inc. (Pauwels)	3,826.00	7,652.00	8,245.03	251	973	1,882.50	2,432.50	4,315.00	12,560.03	13-15	58	2.060
G E Supply	3,905.00	7,810.00	8,415.28	261	1071	1,957.50	2,677.50	4,635.00	13,050.28	8	48	2.760
Hees Enterprises, Inc.	4,150.00	8,300.00	8,943.25	235	1109	1,762.50	2,772.50	4,535.00	13,478.25	6-9	49	3.900
Western States Electric, Inc. (Cooper)	4,368.00	8,736.00	9,413.04	242	938	1,815.00	2,345.00	4,160.00	13,573.04	13-15	50	3.420
Central Moloney, Inc. (c/o Stephens, Mc...)	6,081.00	12,162.00	13,104.56	170	1212	1,275.00	3,030.00	4,305.00	17,409.56	12	59	2.030
WESCO Distribution	4,546.67	9,093.34	9,798.07	475	3544	3,562.50	8,860.00	12,422.50	22,220.57	10-12	52	4.350
Areva T&D Inc	8,005.00	16,010.00	17,250.78	348	1190	2,610.00	2,975.00	5,585.00	22,835.78	8-10	49	3.910

Transformer Bid Evaluation

Bid Opening: June 15, 2005

Padmount

June 15, 2005

Tax (factor): 1.0775
 No Load Loss \$/watt: 3.75
 Load Loss \$/watt: 1.25

Primary Winding: 12,000 Volt, Delta Connected

Bid Item 3: 150 kVA, 208/120 Volt, Three Phase Pad,

Number of units: 5 65 >2.0

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Western States Electric, Inc. (Pauwels)	4,284.00	21,420.00	23,080.05	286	1215	5,362.50	7,593.75	12,956.25	36,036.30	13-15	58	2.010
G E Supply	4,439.00	22,195.00	23,915.11	341	1171	6,393.75	7,318.75	13,712.50	37,627.61	8	48	2.940
Hees Enterprises, Inc.	4,196.00	20,980.00	22,605.95	324	1488	6,075.00	9,300.00	15,375.00	37,980.95	6-9	49	3.500
Western States Electric, Inc. (Cooper)	4,618.00	23,090.00	24,879.48	303	1246	5,681.25	7,787.50	13,468.75	38,348.23	13-15	50	3.360
Central Moloney, Inc. (c/o Stephens, Mc...)	5,325.00	26,625.00	28,688.44	244	1691	4,575.00	10,568.75	15,143.75	43,832.19	12	59	2.030
WESCO Distribution	4,820.00	24,100.00	25,967.75	475	3544	8,906.25	22,150.00	31,056.25	57,024.00	10-12	52	4.350
Areva T&D Inc	8,424.00	42,120.00	45,384.30	378	1490	7,087.50	9,312.50	16,400.00	61,784.30	8-10	49	4.500

Bid Item 4: 225 kVA, 208Y/120 Volt, Three Phase Pad,

Number of units: 2 65 >3.5

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Western States Electric, Inc. (Pauwels)	5,434.00	10,868.00	11,710.27	335	1751	2,512.50	4,377.50	6,890.00	18,600.27	13-15	58	3.580
Western States Electric, Inc. (Cooper)	5,333.00	10,666.00	11,492.62	378	1809	2,835.00	4,522.50	7,357.50	18,850.12	13-15	50	5.060
Hees Enterprises, Inc.	5,339.00	10,678.00	11,505.55	390	1864	2,925.00	4,660.00	7,585.00	19,090.55	6-9	49	4.100
G E Supply	4,972.00	9,944.00	10,714.66	311	2694	2,332.50	6,735.00	9,067.50	19,782.16	8	57	4.750
WESCO Distribution	5,816.67	11,633.34	12,534.92	475	3544	3,562.50	8,860.00	12,422.50	24,957.42	10-12	52	4.350
Central Moloney, Inc. (c/o Stephens, Mc...)	7,473.00	14,946.00	16,104.32	204	3025	1,530.00	7,562.50	9,092.50	25,196.82	12	59	3.730
Areva T&D Inc	9,152.00	18,304.00	19,722.56	534	2170	4,005.00	5,425.00	9,430.00	29,152.56	8-10	55	4.280

Bid Item 5: 300 kVA, 208/120 Volt, Three Phase Pad,

Number of units: 4 65 >3.5

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Western States Electric, Inc. (Pauwels)	5,758.00	23,032.00	24,816.98	415	2481	6,225.00	12,405.00	18,630.00	43,446.98	13-15	58	3.560
Western States Electric, Inc. (Cooper)	5,807.00	23,228.00	25,028.17	471	2359	7,065.00	11,795.00	18,860.00	43,888.17	13-15	50	4.440
G E Supply	5,690.00	22,760.00	24,523.90	475	2736	7,125.00	13,680.00	20,805.00	45,328.90	8	56	3.590
Hees Enterprises, Inc.	5,888.00	23,552.00	25,377.28	522	2445	7,830.00	12,225.00	20,055.00	45,432.28	6-9	49	4.600
Central Moloney, Inc. (c/o Stephens, Mc...)	6,832.00	27,328.00	29,445.92	274	4023	4,110.00	20,115.00	24,225.00	53,670.92	12	59	3.820
Areva T&D Inc	10,724.00	42,896.00	46,220.44	600	2570	9,000.00	12,850.00	21,850.00	68,070.44	8-10	55	4.890
WESCO Distribution	5,814.44	23,257.76	25,060.24	1408	10398	21,120.00	51,990.00	73,110.00	98,170.24	10-12	56	5.820

Transformer Bid Evaluation

Bid Opening: June 15, 2005

Padmount

June 15, 2005

Tax (factor): 1.0775
 No Load Loss \$/watt: 3.75
 Load Loss \$/watt: 1.25

Primary Winding: 12,000 Volt, Delta Connected

Bid Item 6: 1500 kVA, 480Y/277 Volt, Three Phase Pad,

Number of units: 2

90 >5.3

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Western States Electric, Inc. (Pauwels)	16,419.00	32,838.00	35,382.95	1376	8116	10,320.00	20,290.00	30,610.00	65,992.95	13-15	72	5.490
Hees Enterprises, Inc.	16,327.00	32,654.00	35,184.69	1646	8076	12,345.00	20,190.00	32,535.00	67,719.69	6-9	63	5.600
G E Supply	14,356.00	28,712.00	30,937.18	1574	9993	11,805.00	24,982.50	36,787.50	67,724.68	8	71	5.740
Western States Electric, Inc. (Cooper)	15,716.00	31,432.00	33,867.98	1597	9487	11,977.50	23,717.50	35,695.00	69,562.98	16-18	72	5.740
WESCO Distribution	17,463.33	34,926.66	37,633.48	1408	10398	10,560.00	25,995.00	36,555.00	74,188.48	10-12	56	5.820
Central Moloney, Inc. (c/o Stephens, Mc...)	19,299.00	38,598.00	41,589.35	1525	11450	11,437.50	28,625.00	40,062.50	81,651.85	12	76	7.410
Areva T&D Inc	21,280.00	42,560.00	45,858.40	1986	9340	14,895.00	23,350.00	38,245.00	84,103.40	8-10	79	5.760